

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Kun-Seok LEE EXAMINER: Pankaj Kumar  
SERIAL NO.: 10/718,931 GROUP ART UNIT: 2611  
FILED: November 20, 2003  
FOR: SIGMA-DELTA MODULATOR AND FRACTIONAL-N  
FREQUENCY SYNTHESIZER COMPRISING SAME

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

This paper is submitted in response to the June 22, 2007 Office Action issued by the United States Patent and Trademark Office in connection with the above-identified application. A response to the June 22, 2007 Office Action is due on September 22, 2007. Accordingly, this Response is being timely filed.